

News story: Defence Minister launches new Army apprentice awards

As the largest provider of apprentices in the UK, the Ministry of Defence is celebrating the tenth National Apprenticeship Week by honouring its apprentices right across the country and across the services.

To kick start the week, the British Army announced they will host their first ever Apprenticeship Awards in 2018.

Announcing the awards at Gibraltar Barracks in Camberley, Defence Minister Mark Lancaster introduced some of the highest performing soldier apprentices who have recently qualified in their field, including Margate-born Lance Corporal Tristan Willis, who is pursuing a career in the infantry.

Defence Minister Mark Lancaster said:

As the UK's largest apprenticeship provider, we are delivering a huge range of training and skills right across defence, and it's great to see the likes of Tristan taking advantage of that. I'm sure the awards launched today will motivate more like him to excel in their field and help the military to continue leading the way for British apprenticeships.

24 year-old Army apprentice Lance Corporal Tristan Willis of the 1st Battalion, Mercian Regiment said:

I came into the Army to gain some qualifications. So far I've done my level 1 and 2 in both Maths and English, have also gained a Public Services Apprenticeship and I'm currently enrolled to do an Engineering apprenticeship, despite not having any experience with cars or anything like that.



Defence Minister Mark Lancaster introduced some of the highest performing soldier apprentices. Crown copyright.

The RAF Apprenticeship Awards, now in its sixth year, will also take place today at RAF Honington. The annual event is a chance for the RAF to promote and celebrate the achievements of their valued apprentice mechanics, technicians and engineers.

Elsewhere, in London this week, the Navy will be celebrating their apprentices on-board the Type 23 frigate HMS St Albans which is docked alongside Thames Quay at West India Dock this week.

Two apprentices from each service, along with one of the MOD's many civilian apprentices, will be attending an exclusive lunch reception at the House of Commons on Thursday in an event aimed at recognising the esteem in which apprenticeships are held.

Together with industry, the MOD is working to achieve three million apprenticeship starts by 2020 as part of the Government's manifesto.

[News story: Defence Secretary](#)

underlines UK commitment to European security

Speaking at a meeting of European Union Defence Ministers in Brussels, Sir Michael Fallon called on the EU to step up cooperation with NATO in order for the two organisations to more effectively tackle shared security challenges, including hybrid warfare and cyber.

Sir Michael also called for an improvement in Europe's performance in building national capabilities that can be made available to the EU and NATO. This requires more defence spending and better investment in key equipment.

Britain's commitments in 2017 underline the leading role in European Security the UK will continue to play. This year, Britain is leading NATO's Very High Readiness Joint Task Force, a Brigade-size force which is ready and willing to respond to any threat. This spring, the UK will also deploy a battle group of around 800 personnel to lead in Estonia NATO's Enhanced Forward Presence.

The Defence Secretary also confirmed Britain's strong role in EU missions and operations. HMS Echo is currently helping to tackle people smugglers in the Mediterranean, as part of the EU's mission Operation Sophia. Royal Navy deployments to the operation have helped destroy over 120 smuggling boats, apprehending 20 suspected smugglers in the process, and have helped to rescue 10,000 people from the high seas.

Britain also has over 150 UK personnel committed to EU missions and operations, including in Bosnia, Mali and Somalia, demonstrating Britain's global reach.

Defence Secretary Sir Michael Fallon said:

We are leaving the EU but we will continue to cooperate with our European partners on defence and security. This includes playing our part in the mission in the Mediterranean, rescuing migrants and tackling people smuggling.

Today I have urged the EU to cooperate more closely with NATO, to avoid unnecessary duplication and to work together on new threats, including cyber.

Sir Michael called on the EU and NATO to redouble their efforts on cooperation, noting that while good progress has been made, more work needed to be done, particularly on cyber, hybrid, maritime and coordinated exercises.

Today's meeting also brought forward improvements to the EU's Common Security and Defence Policy (CSDP) missions and operations, through the Military Planning and Conduct Capability (MPCC), to help improve planning and conduct

of the training missions (known as non-executive missions) and to enhance civilian and military working. Important improvements to the agreement, suggested by the UK, were agreed today, including limiting the authority of the Director of the MPCC, and avoiding duplication with NATO structures.

[News story: Defence Secretary applauds service of globally deployed Scots](#)

During a visit to Edinburgh, Sir Michael met soldiers from Scots-based Army units. Many have either recently returned, or are about to deploy on missions with the UK's allies overseas.

Defence Secretary Sir Michael Fallon said:

Scotland is on the frontline defending the United Kingdom from growing threats at sea, in the air, and on land. Whether countering Daesh, improving security in Afghanistan, or playing a leading role in peace-keeping missions, Scottish troops deserve our gratitude for the incredible job they do.

At any time, at least 20% of the troops from Army units in Scotland are actively involved in operational, defence engagement or training with other nations.

Midlothian-based personnel of The Royal Highland Fusiliers, Second Battalion the Royal Regiment of Scotland (2 SCOTS) are part of the UN mission in South Sudan. They are also supporting NATO's Very High Readiness Joint Task Force and is currently deployed to Kenya where it is leading battle group training for 950 personnel.

Scotland's 51 Brigade have taken part in exercises with the Emiratis, Kuwaitis and the Qatari Armed Forces.

Scotland is also home to the UK's nuclear deterrent submarines at Her Majesty's Naval Base Clyde, and the Quick Response Aircraft at RAF Lossiemouth.

News story: Submarines to support economic and community growth

The MOD is investing hundreds of millions of pounds in developing HM Naval Base Clyde as the Royal Navy Submarine Centre of Specialisation.

This will see all UK attack submarines based in Argyll and Bute by 2020, and the eventual arrival of the Dreadnought class of ballistic submarines.

The development is expected to increase the number of personnel at HMNB Clyde to an eventual population of 8,200, with many choosing to live in the area.

The Memorandum of Understanding (MOU) signed today will see the signatories work together in delivering infrastructure and opportunities for Royal Navy families and local people to live, work and prosper together.

Witnessing the signing was Secretary of State for Scotland David Mundell, who said:

The UK's entire submarine fleet will be based at Faslane by 2020. This will reinforce Scotland's vital role in protecting our country, and guarantee skilled, secure jobs on the Clyde for years to come.

We must ensure this investment in the base is also a catalyst for growth and regeneration in the wider community. Today's agreement will deliver new housing and improved infrastructure, ensuring people in Argyll and Bute benefit directly from hosting the base.

Minister for Defence Veterans, Reserves and Personnel Mark Lancaster, said:

This agreement ensures the investment we are making to upgrade HMNB Clyde, as part of the £1.7bn we are spending to improve military bases in Scotland, will not only help provide our people and their families with more stability and a better environment to work in, but will also help transform the local area, providing skilled jobs and better infrastructure.

Councillor Dick Walsh, Leader of Argyll and Bute Council and Chair of the Argyll and Bute Community Planning Partnership, said:

This agreement is about making the development of HMNB Clyde work for Navy personnel, their families and the communities in Argyll they will be joining. It's about delivering opportunities for new residents and local people to build happy, prosperous lives

together. Helensburgh and its surrounding areas offer great benefits as a place to live, work and visit, and we very much look forward to welcoming new Navy friends and neighbours.

Work will focus on key themes which are set out in a Strategic Delivery and Development Framework (SDDF) and include education, economy, community facilities, communication, transportation and housing.

Naval Base Commander, Commodore Mark Gayfer, said:

The Royal Navy is keen to ensure that the local community better understands what it brings to Argyll and Bute.

There are tremendous opportunities for mutual benefit, such as our redevelopment of the Drumfork Club in Helensburgh, building new sports facilities and the UK Government £5m of support for the Council's waterfront redevelopment.

Through its redevelopment HMNB Clyde will grow its staff numbers from 6,800 today to an eventual population of 8,200. The construction phases are expected to support a further 1,000 contractor jobs.

Work on delivering benefits for new Navy families and Argyll communities is already in progress, for example:

- **Economy and regeneration:** On 18 January 17, Argyll and Bute Council and HMNB Clyde held the first joint economic forum in Helensburgh. Local businesses were invited to hear about the tremendous opportunities available from the expansion of the Naval Base. Following the event the Council is collating findings and developing a plan of action to take forward.
- **Housing and Accommodation:** The MOD and Council are working with private and social housing sectors to develop options for choice in the housing market.
- **Education and training.** Argyll and Bute Council has created the role of Service Pupil Adviser to provide advice and support for the large numbers of Armed Forces children in the Helensburgh and Lomond area. This temporary post is funded by the MOD Education Support Fund.

Community Facilities:

- The MOD owned Drumfork Club, situated in Churchill Estate in Helensburgh, is currently being renovated and due to be re-opened

mid-2018. The refreshed facility will be open to the entire community and feature an area for registered childcare provision and five multi-purpose function rooms which can be used for organised and semi-organised activities by local community groups and organisations.

- Although many of the Royal Navy facilities in the area have been put in place for use by service personnel, base workers, and their families, the facilities are also made available on a regular basis to local community groups and organisations.
- Communications and engagement. The MOD and Argyll and Bute Council have produced an Armed Forces and Veterans' brochure which will provide information on Argyll and Bute and the various organisations and services available to support the Armed Forces community and their families.

[News story: Defence Secretary announces world class innovation panel](#)

Defence Innovation Advisory Panel

Addressing engineering students, academics, and apprentices, Sir Michael Fallon announced three members of the new Defence Innovation Advisory Panel. The Panel will be charged with driving forward the MOD's Innovation Initiative, which aims to encourage imagination, ingenuity and entrepreneurship, in pursuit of maintaining a military advantage in the future.

Defence Secretary Sir Michael Fallon said:

Backed by an £800M innovation fund, we want to transform defence and work with small firms, academics and others to find solutions to the threats to our security.

This panel of world class innovators will bring their drive and expert insights to the vital task of keeping the UK ahead of our adversaries and boosting our prosperity.

Major Tim Peake, the first British astronaut at the European Space Agency, is one of the panel members to be announced. Businessman and former Chairman of McLaren Technology Group Ron Dennis, Innovate UK's Chief Executive Ruth Mckernan, and Robert Hannigan, retiring GCHQ Director, all join him.

Major Tim Peake said:

I'm delighted to be part of the Ministry of Defence's drive to place innovation at the heart of everything they do, and to bring my experience to the effort to improve the technology, organisation, and culture that keep the UK safe.

Ron Dennis said:

There can be nothing more important than our national security, and I'm enthusiastic to be among the first of those named to this world-class Panel, who have joined MOD to spearhead their efforts to innovate across the organisation, from technology to culture – challenging the status quo, staying ahead of the curve through change and innovation.

Innovative Unmanned Technology

During his speech, the Defence Secretary also announced the launch of a two year £8 million second phase of innovative research and development, exploring the future of unmanned air systems. Developed in partnership with Leonardo Helicopters, the Rotary Wing Unmanned Air Systems (RWUAS) Capability Concept Demonstrator will be a vital tool in discovering how unmanned air systems can support our personnel on the battlefield of the future by developing new concepts and technologies.

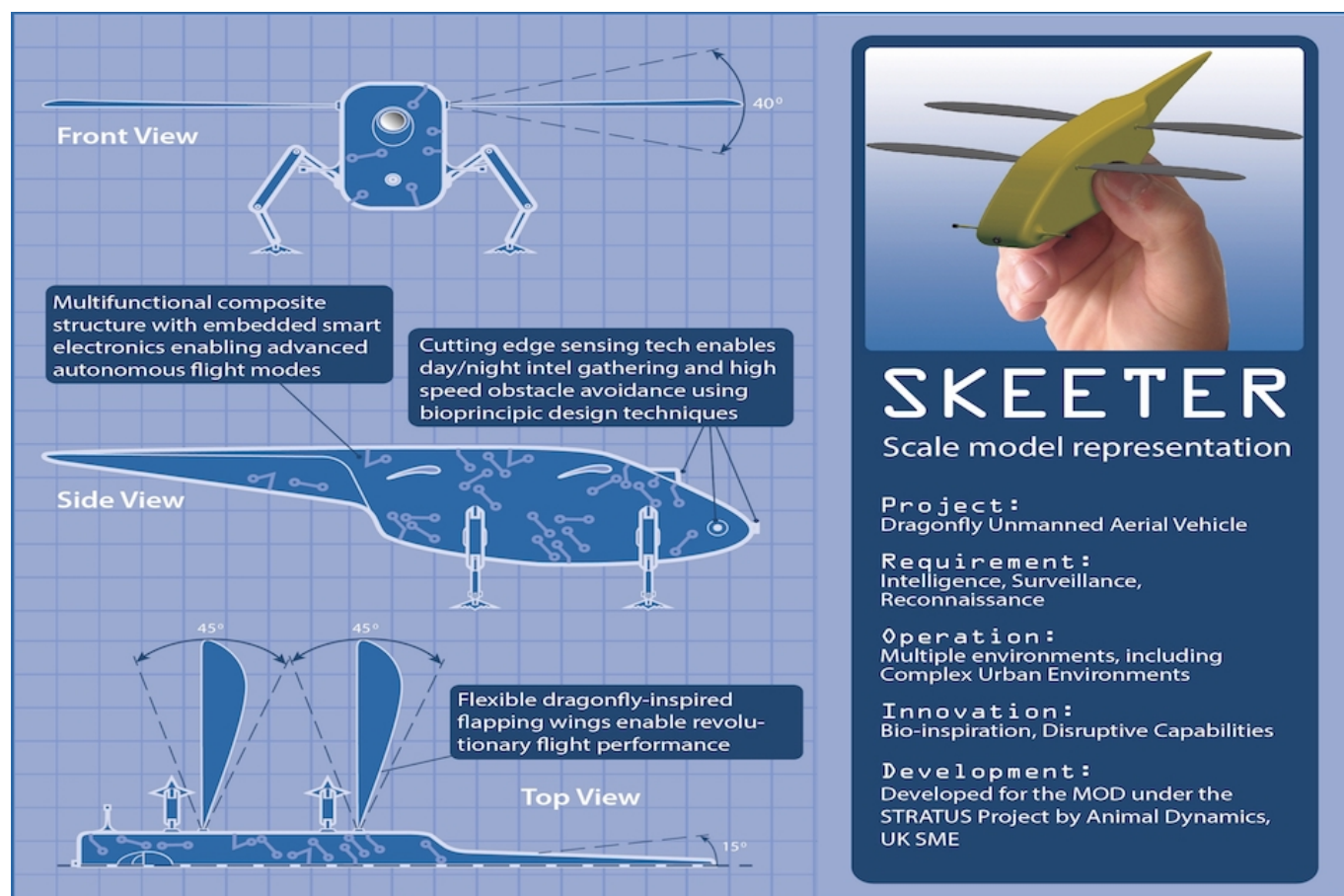
The jointly funded programme will utilise the specialist engineering skill base at Leonardo Helicopters by exploring emerging technologies and methods. The announcement comes after the Royal Navy led 'Unmanned Warrior' in 2016: a major international demonstration of autonomous systems which could transform the way in which the Armed Forces of the future help keep Britain safe.

SMEs at the heart of innovation

SMEs are at the heart of the Innovation Initiative, and earlier on Monday, the Defence Secretary visited two world-leading Oxfordshire-based small and medium enterprises. The Defence Secretary took part in an Innovation Roundtable with industry representatives, academics, think tanks, and senior policy-makers. The goal is to work more effectively with businesses and academics across the UK – and particularly with SMEs which might not normally think of themselves as Defence suppliers.

Sir Michael Fallon discussed the innovative collaboration between Reaction Engines, the MOD, and suppliers while touring the cutting-edge facility. The company is a global leader in aerospace propulsion and is currently designing and developing technologies for the next generation of air and space vehicles, with the potential to enable hypersonic flight and transform space access.

He also toured the Animal Dynamics facility, viewing their Skeeter intelligence-gathering micro-drone, which has tiny wings inspired by the dragonfly. Animal Dynamics' innovative research is focused on so-called "biomimetic technology": producing drones based on natural forms. The MOD has placed contracts with Animal Dynamics worth up to £1.5M since June 2015 as part of its Disruptive Capabilities initiative. The drone is part of a wider, innovative MOD Disruptive Capability project, which aims to significantly improve intelligence gathering in complex urban environments.



The Skeeter intelligence-gathering micro-drone manufactured by Animal Dynamics.

The Defence Secretary also visited the new Centre for Applied Superconductivity: a joint project between University of Oxford and local industrial partners and research centres that share an interest in the discovery and future applications of novel superconducting materials. These include improved MRI healthcare scanners and in new quantum technologies for sensors and meteorology. This direct engagement between the research community and commercial application is precisely the kind of dialogue the Innovation Initiative seeks to foster.

Chief Scientific Advisor

As part of Defence's drive to transform its culture, the role of the MOD's Chief Scientific Advisor has been expanded and is responsible for the MOD's commitment to spend 1.2% of its budget on science and technology. While in Oxford, the Defence Secretary announced that world-renowned scientist Professor Hugh Durrant-Whyte has been appointed to lead the MOD's research

and technology programme. As the MOD's Chief Scientific Advisor, Professor Durrant-Whyte will work across the UK and internationally to drive defence innovation, commission research, and use technology to keep our people safe in challenging environments.